CMS Simulation (LHE) 13 TeV 0.04 Fraction of events / 0.1  $pp \rightarrow h \rightarrow 2n_{_{1}} \rightarrow 2n_{_{D}} + 2~\gamma_{_{D}} \rightarrow 2n_{_{D}} + 4\mu$  $m_h = 125 \text{ GeV}, m_{n_1} = 10 \text{ GeV}, m_{n_2} = 1 \text{ GeV}$ 0.035  $m_{\gamma_D}$  = 0.25 GeV,  $c\tau_{\gamma_D}$  = 2. mm 1st n<sub>D</sub> (leading p<sub>T</sub>) 0.03  $-2nd n_D$ 0.025 0.02 0.015 0.01 0.005 -3 3 -5